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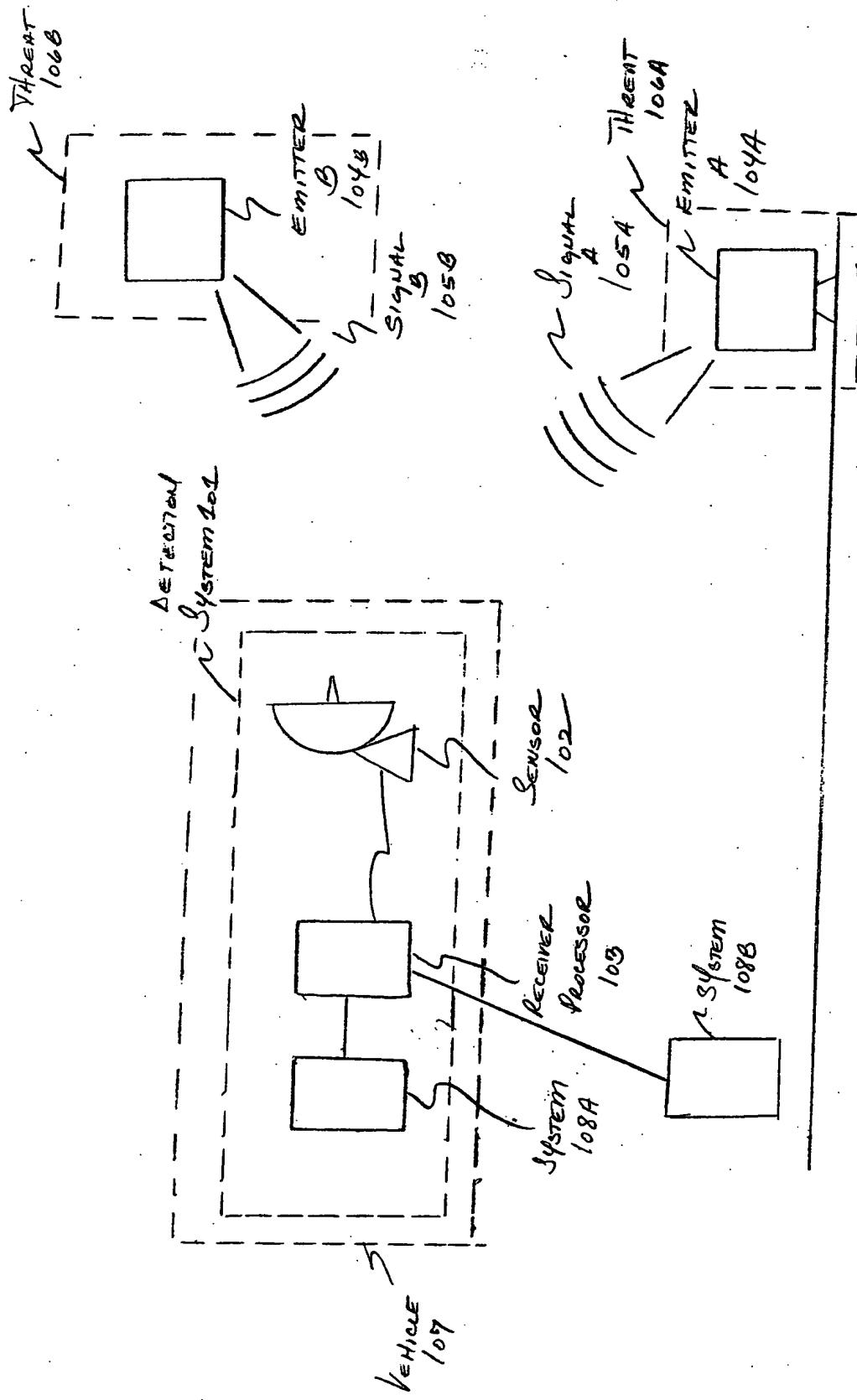


Figure 1

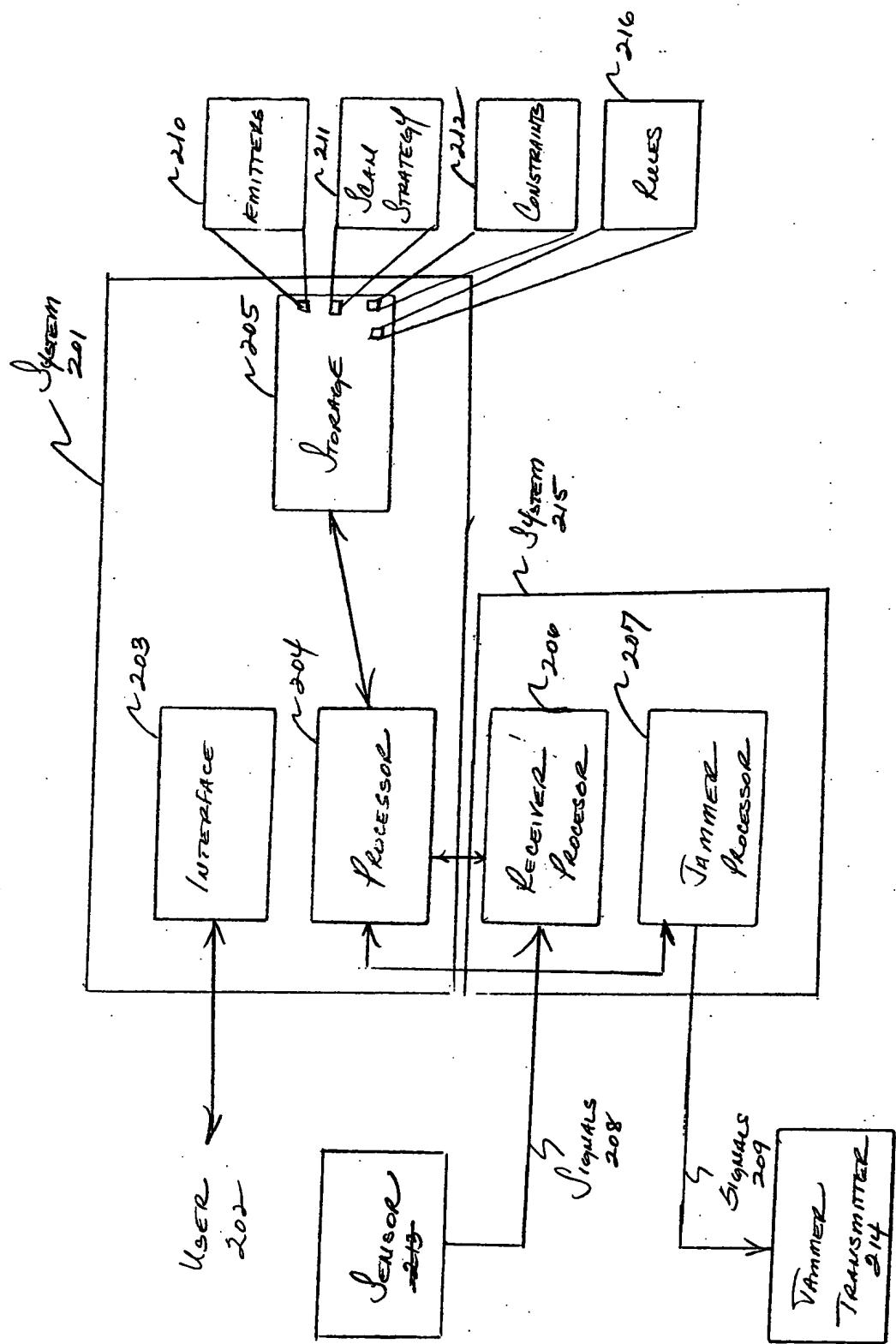


Figure 2

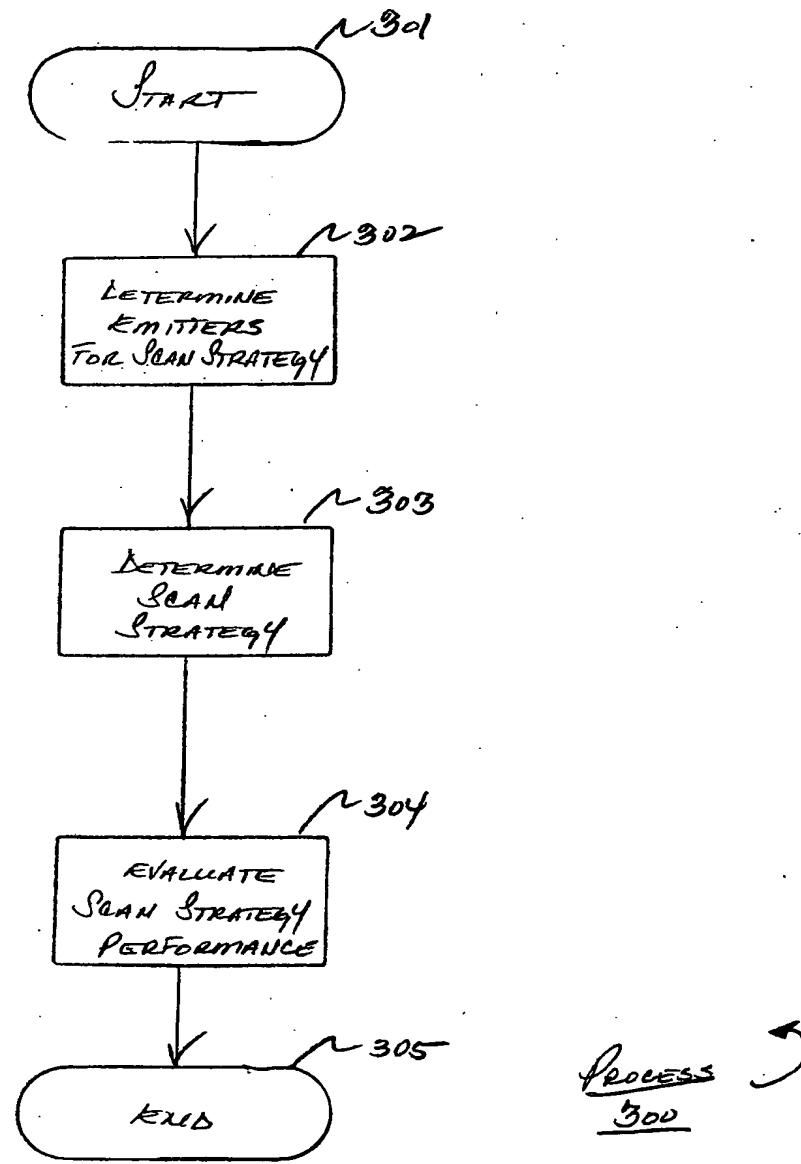


Figure 3

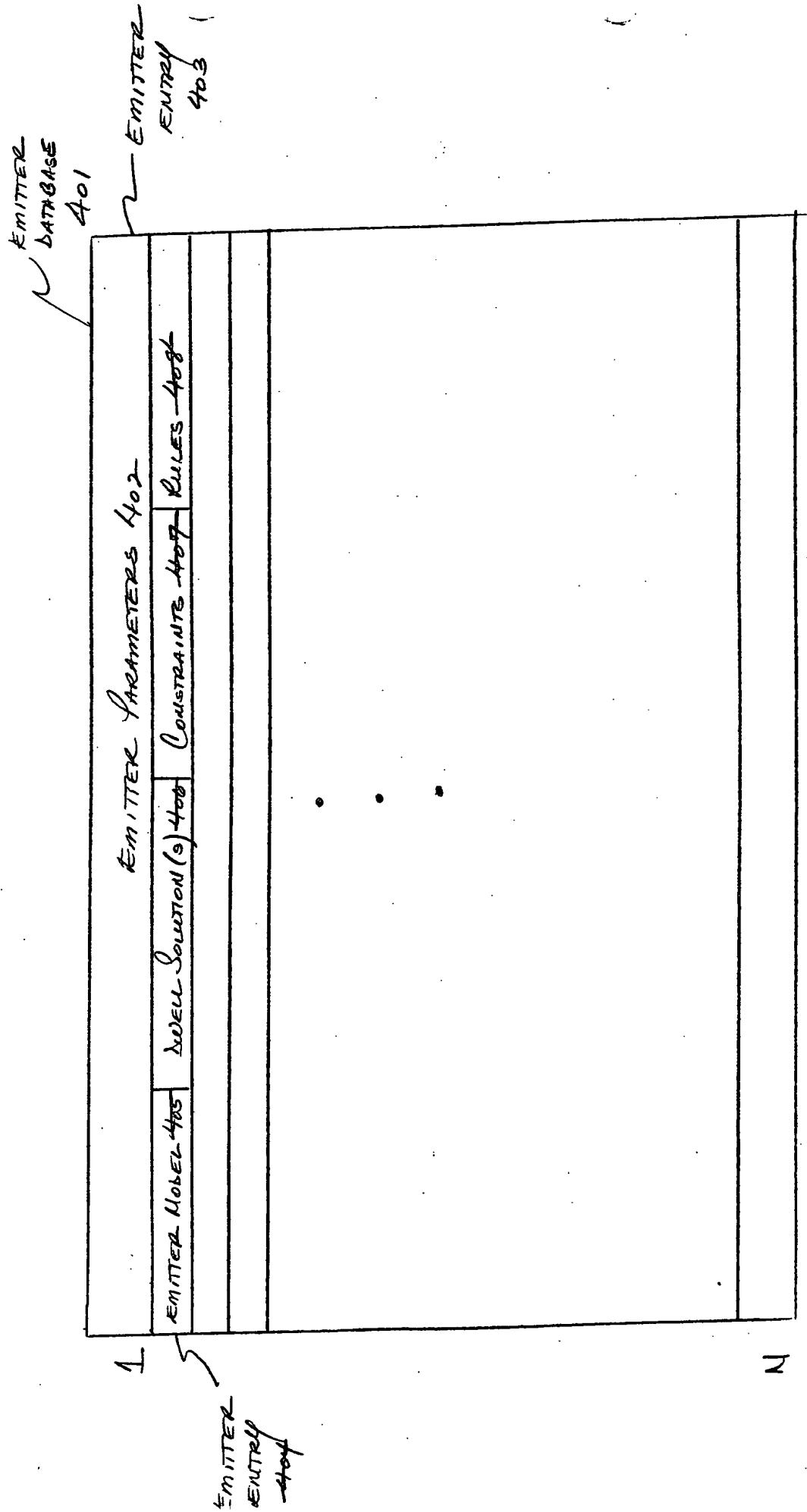


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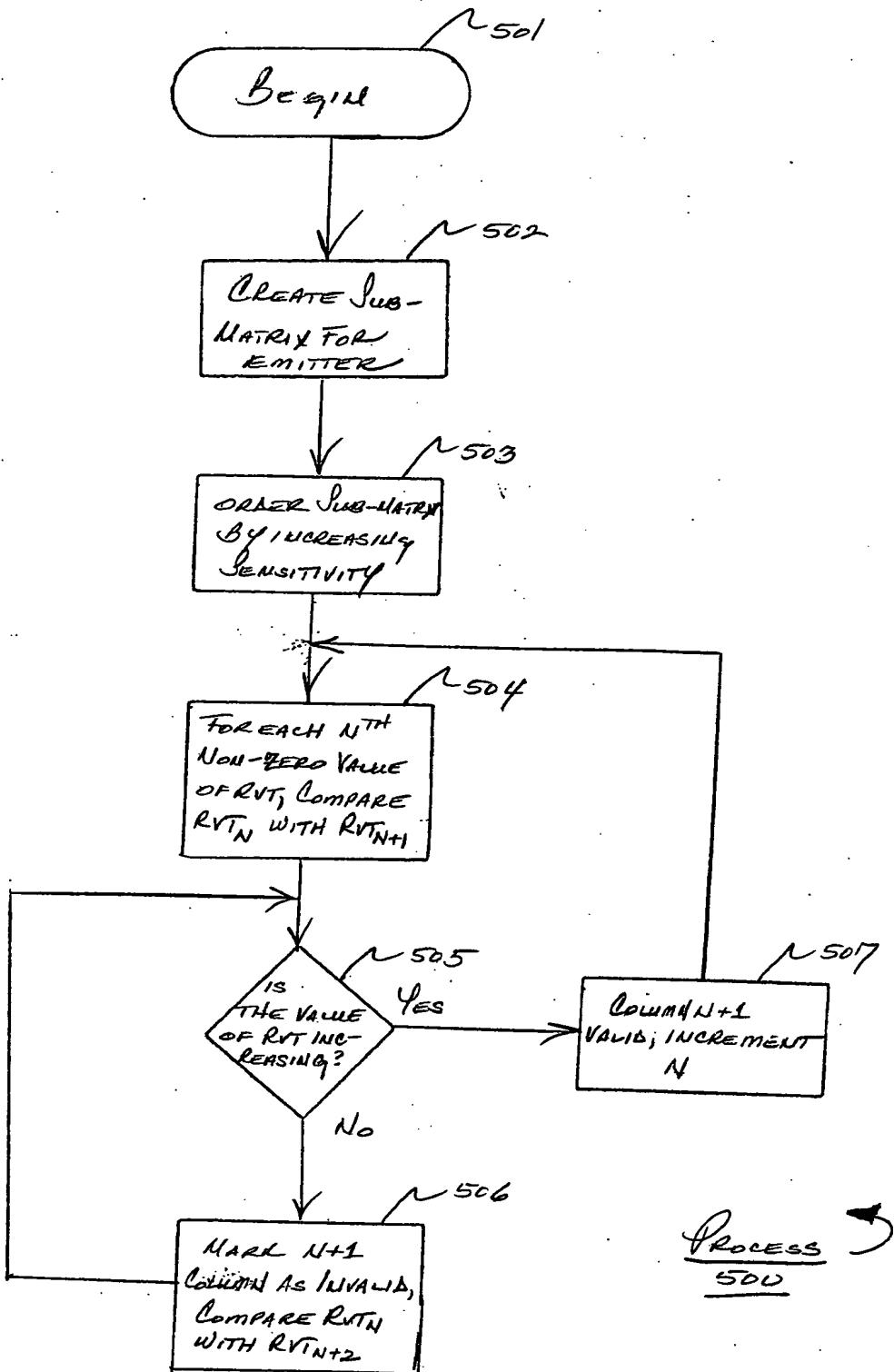


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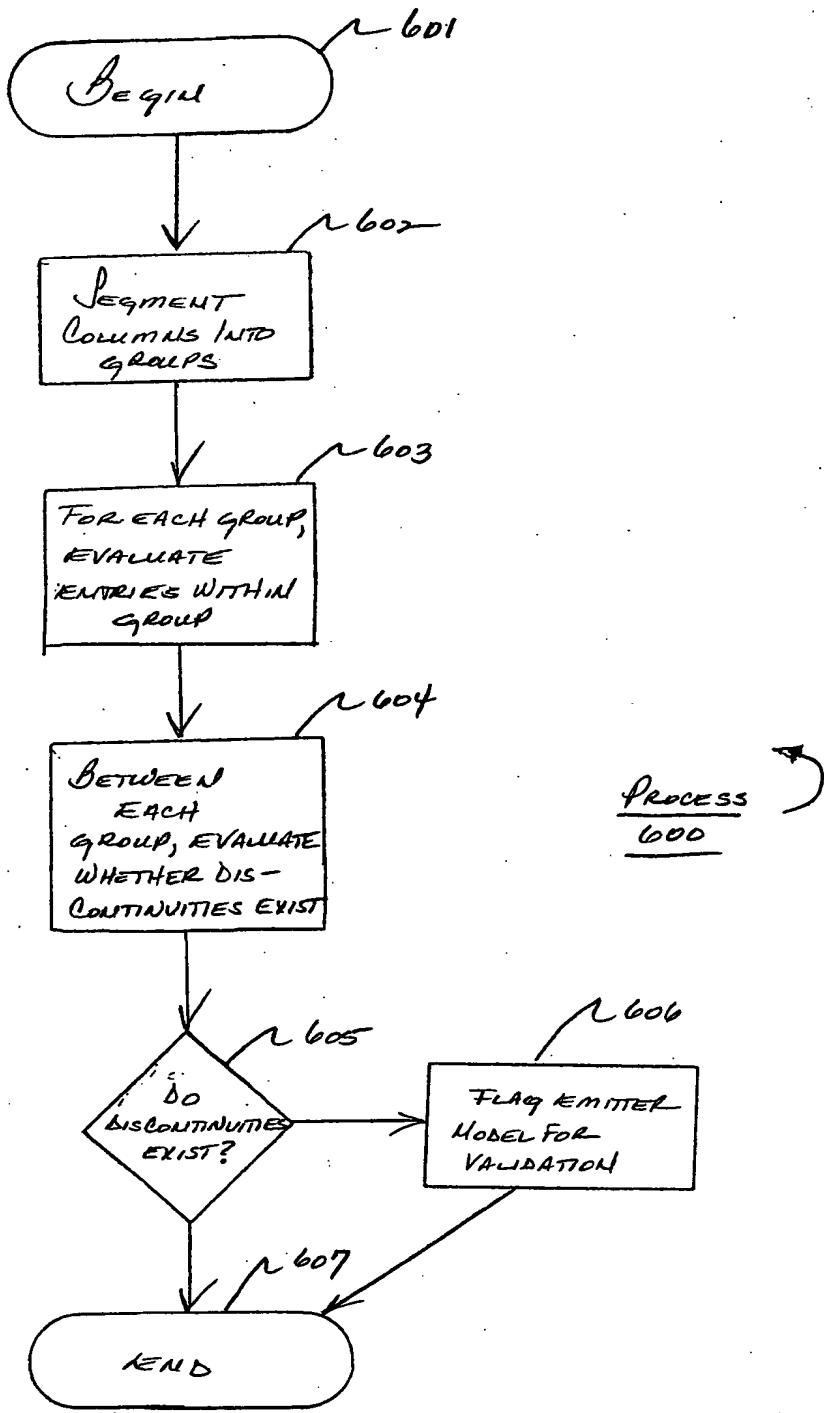


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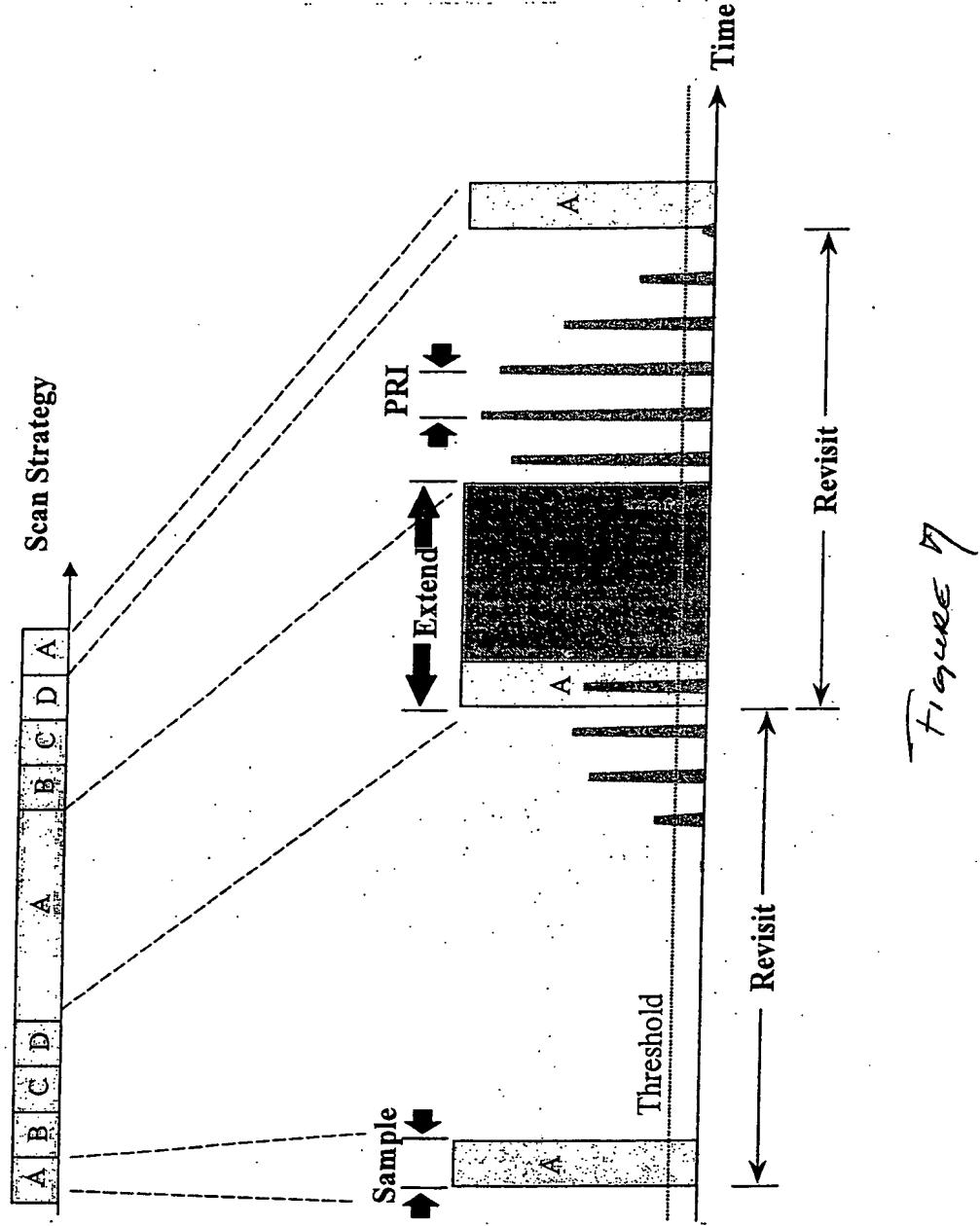
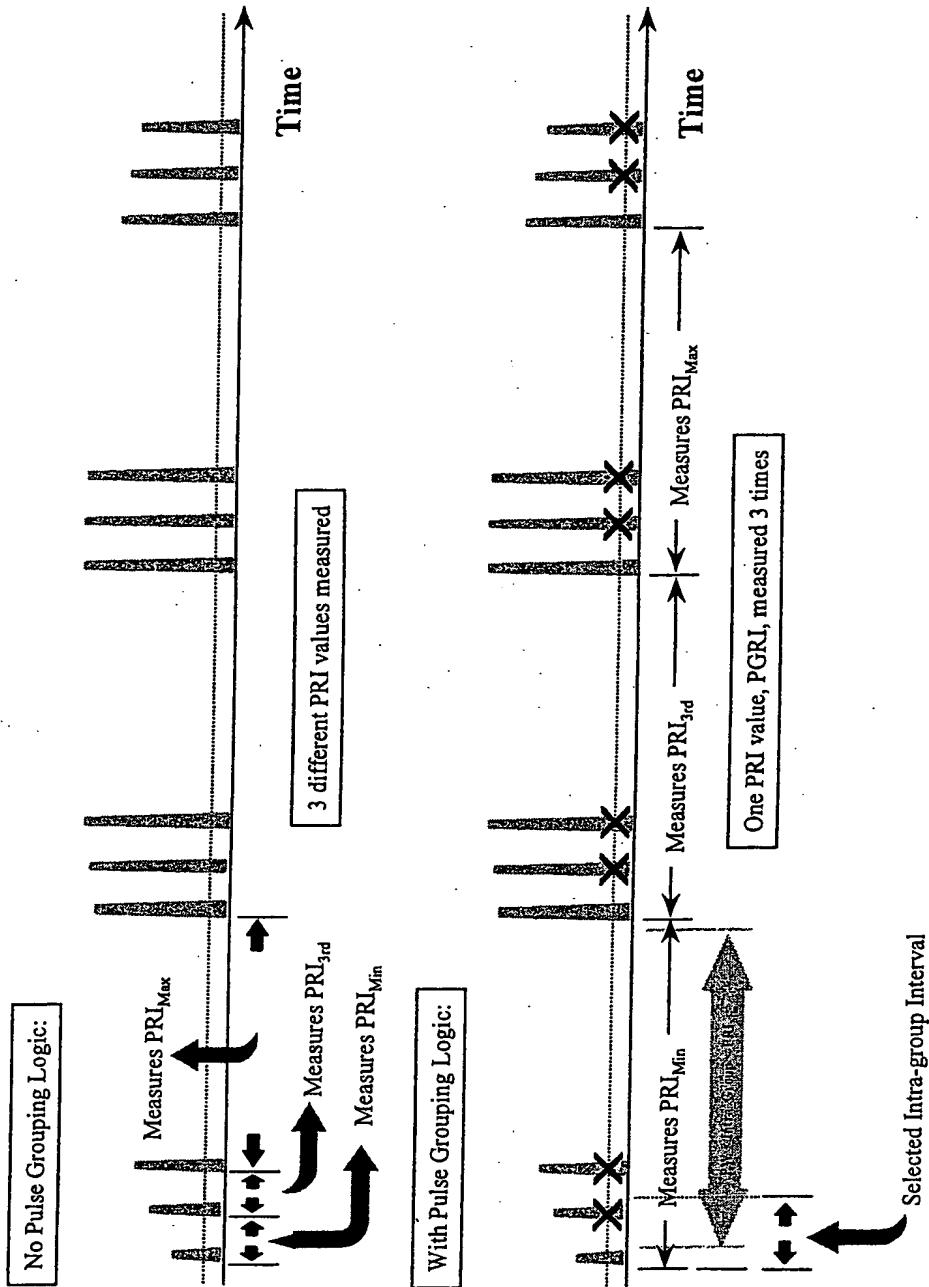


Figure 8A



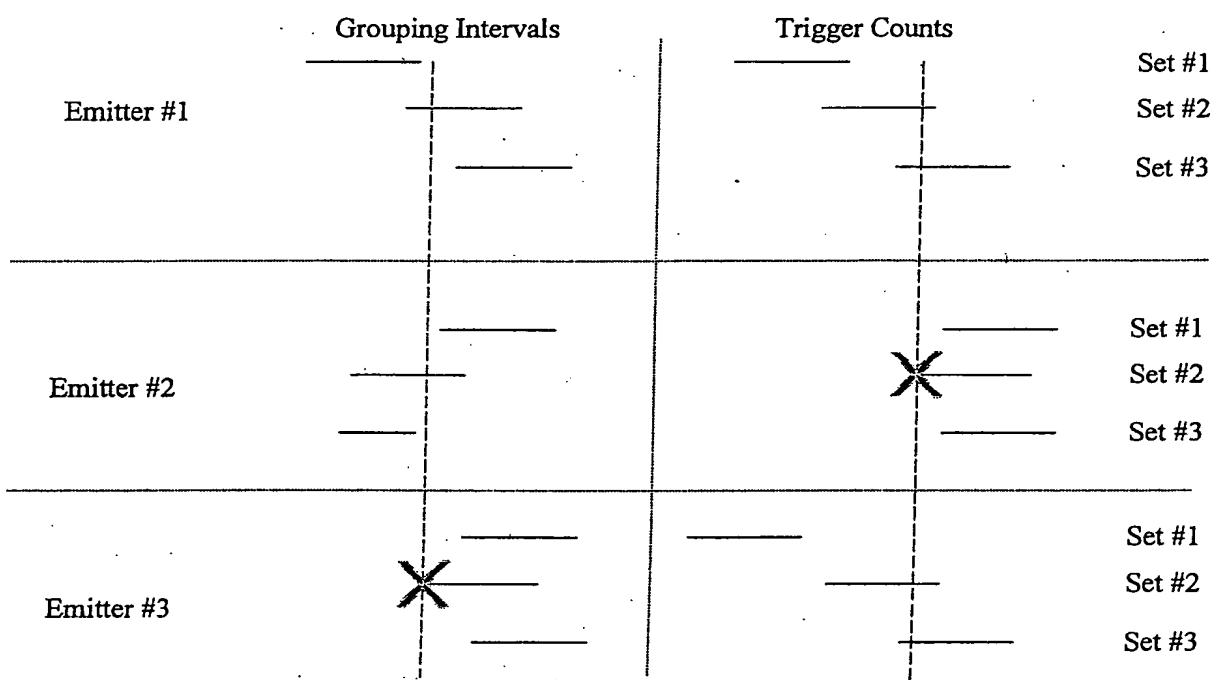


Figure 9

Figure  
10b

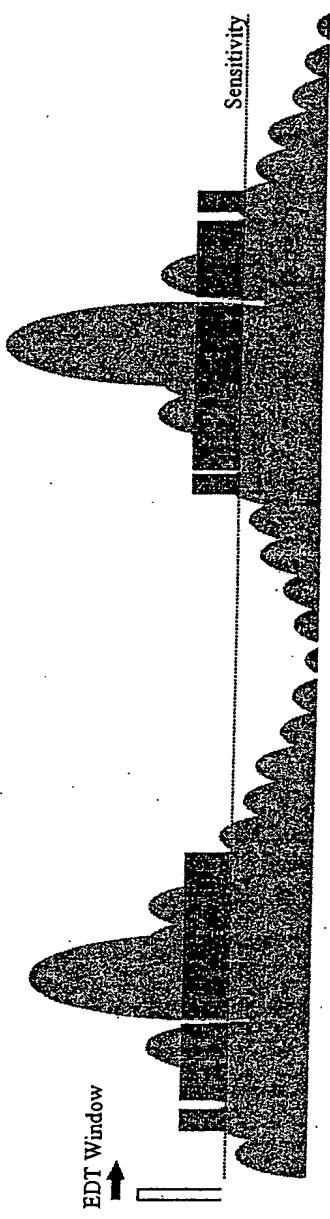
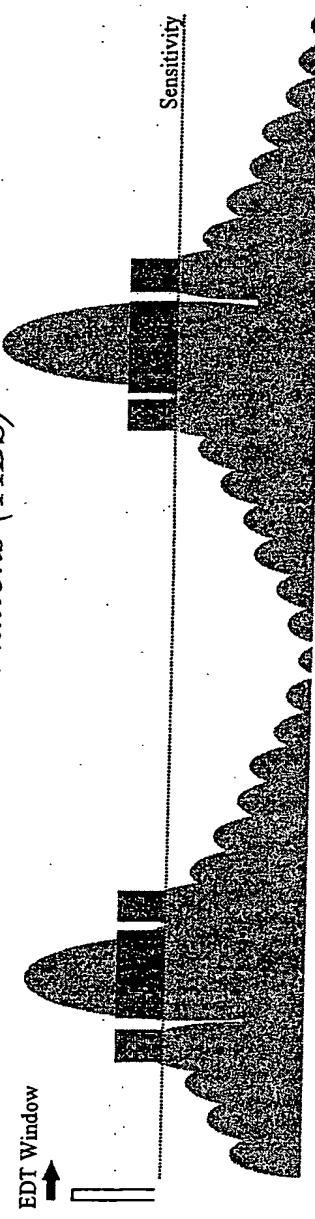
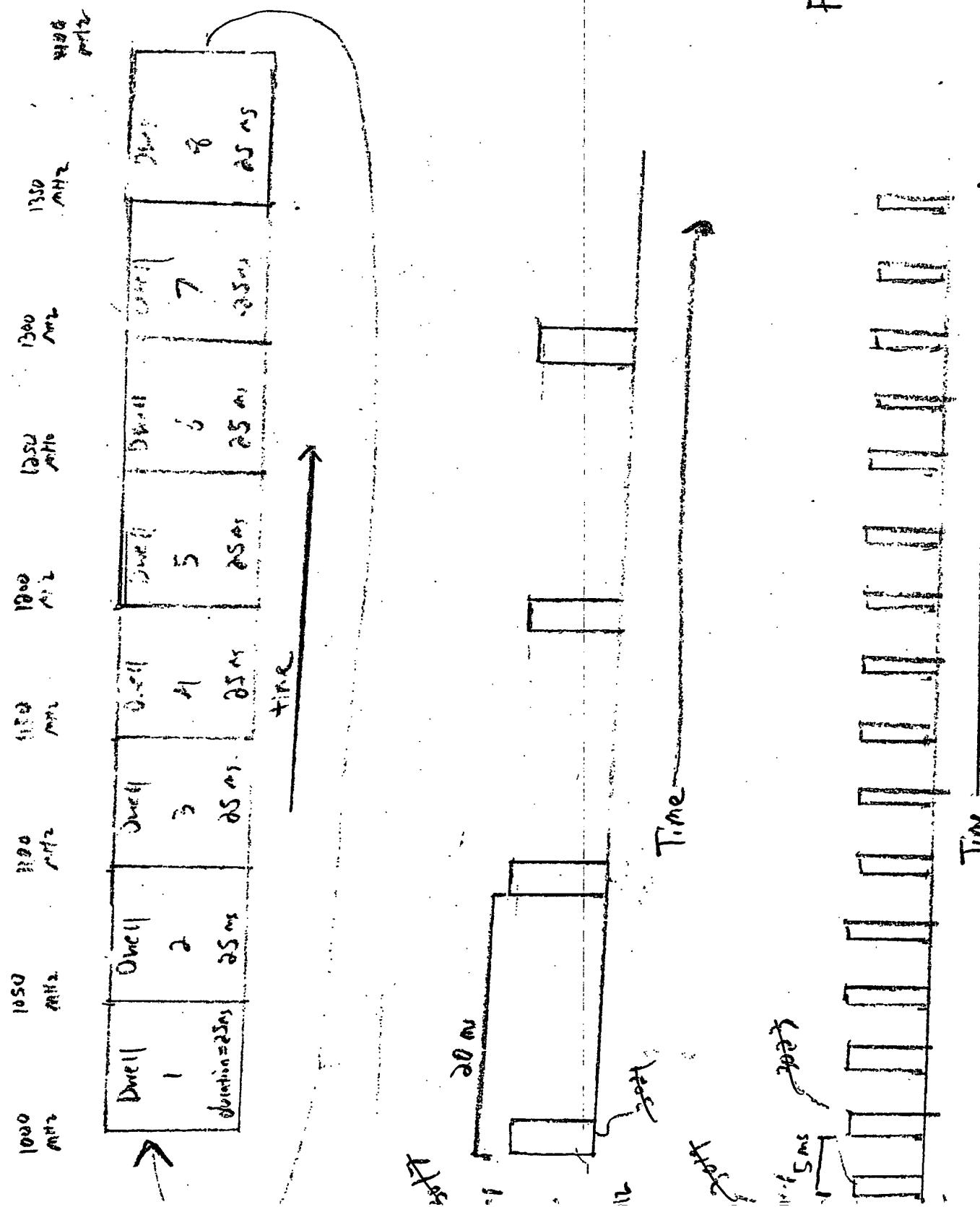


Figure 11



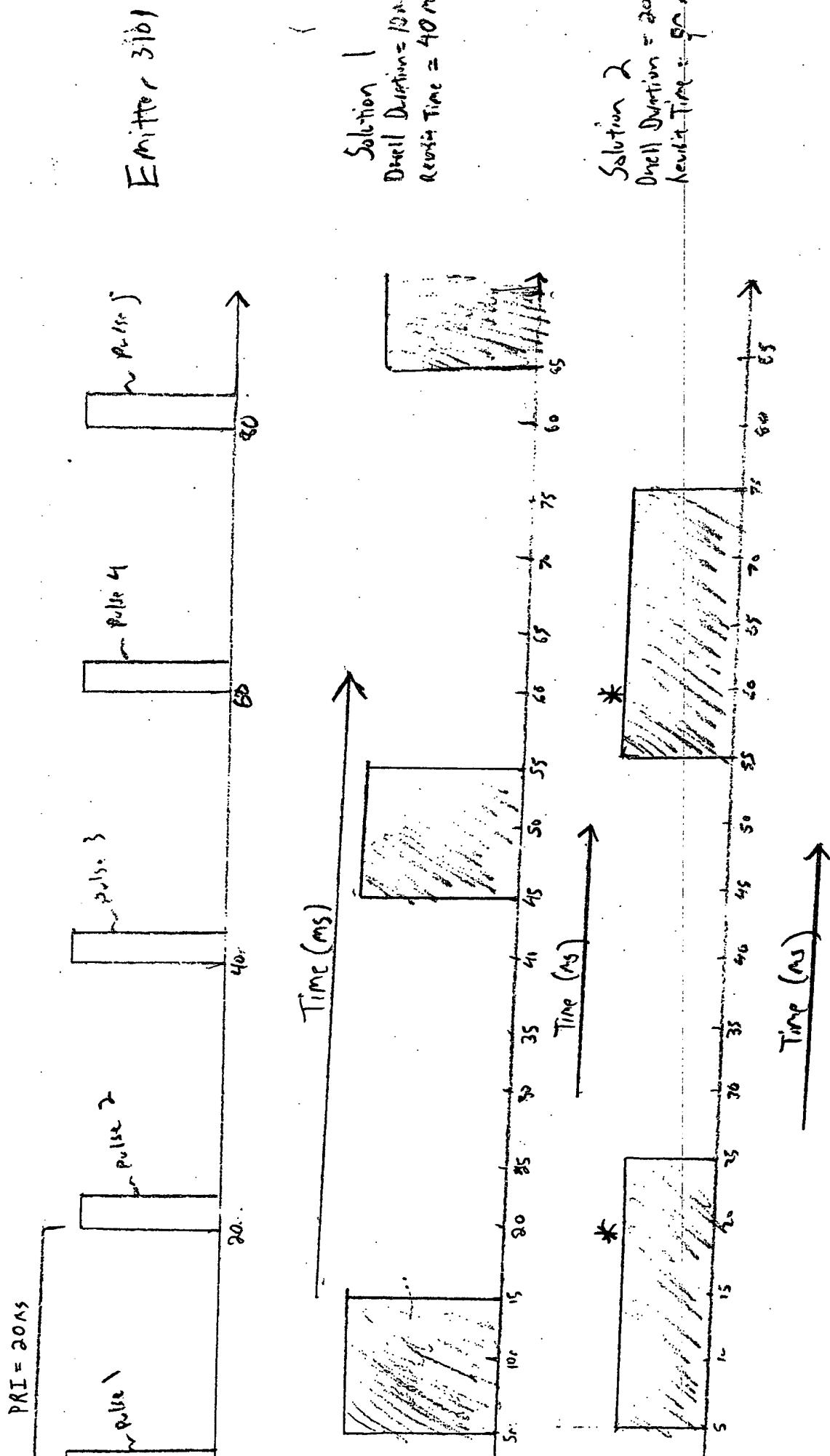


Figure 12

Figure 13



Emitter Name	Operating Voltage (mV)	Detector Bias (mV)	RF Gain (MHz)	RF Power (mW)	MDT (ms)
E1	100 mV	650 mV	1000	1300	3
E2	180 mV	780 mV	1200	1350	5
E3	110 mV	330 mV	1510	1910	2
E4	130 mV	390 mV	1730	1860	4

1000	Dwell 1
DD <sub>max</sub> = 5	
RV <sub>Total</sub> = 100	

$$\text{Cost} = \frac{5}{100} = .05$$

1000	1050	1100	1150	1200	1250	1300	1350	1400	1450	1500
Dwell 1	Dwell 2	Dwell 3	Dwell 4	Dwell 5	Dwell 6	Dwell 7	Dwell 8	Dwell 9	Dwell 10	Dwell 11
DD <sub>max</sub>										
3	3	3	3	3	3	3	3	3	3	3
RV <sub>Total</sub>										
650	650	650	650	650	650	650	650	650	650	650
Cost										
3/650 +	3/650 +	3/650 +	3/650 +	3/650 +	3/650 +	3/650 +	3/650 +	3/650 +	3/650 +	3/650 =

$$\frac{3}{650} + \frac{3}{650} = \frac{31}{650} \approx .048$$

Solution 2

Solution 1

Figure 14A



Figure 15

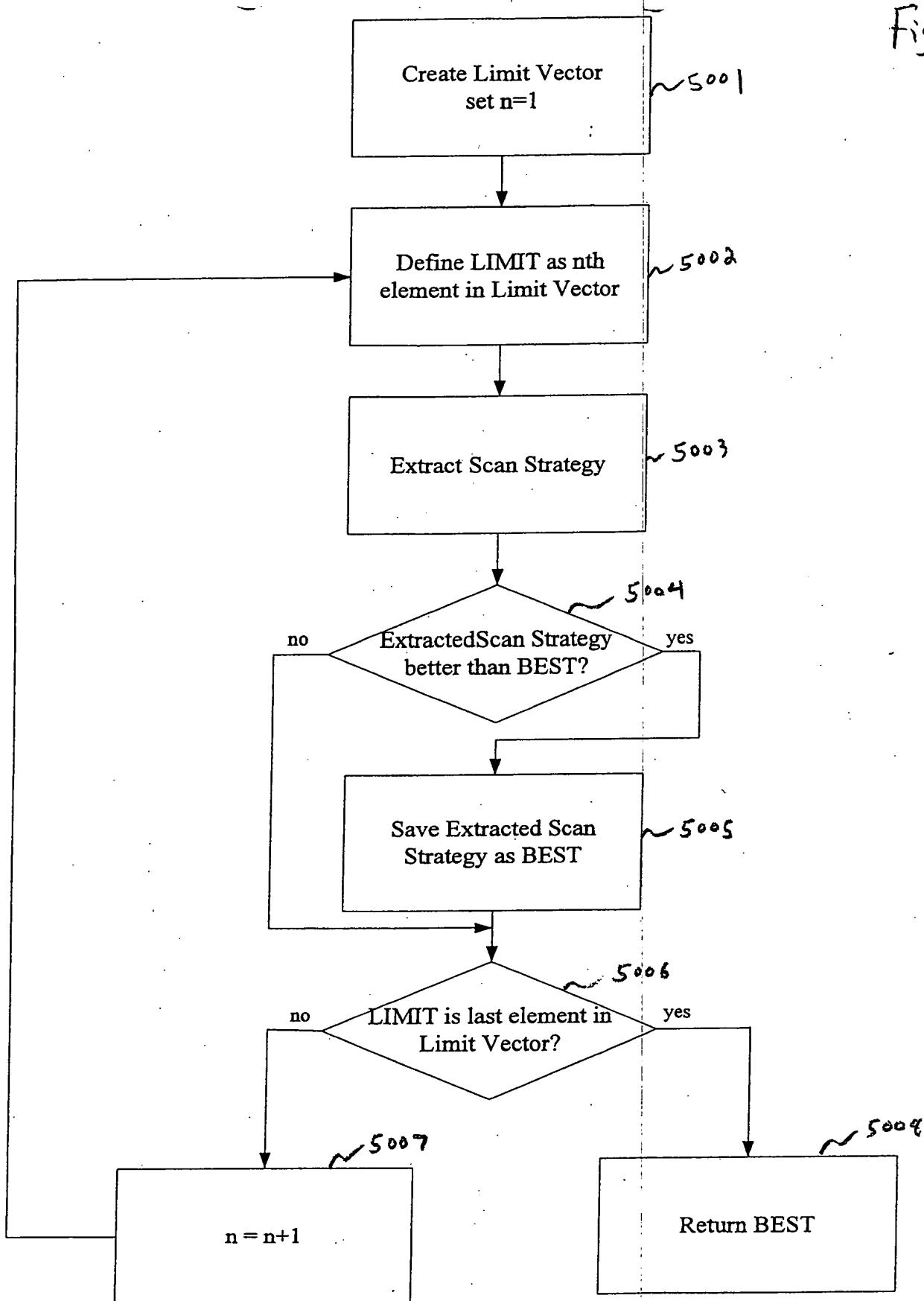
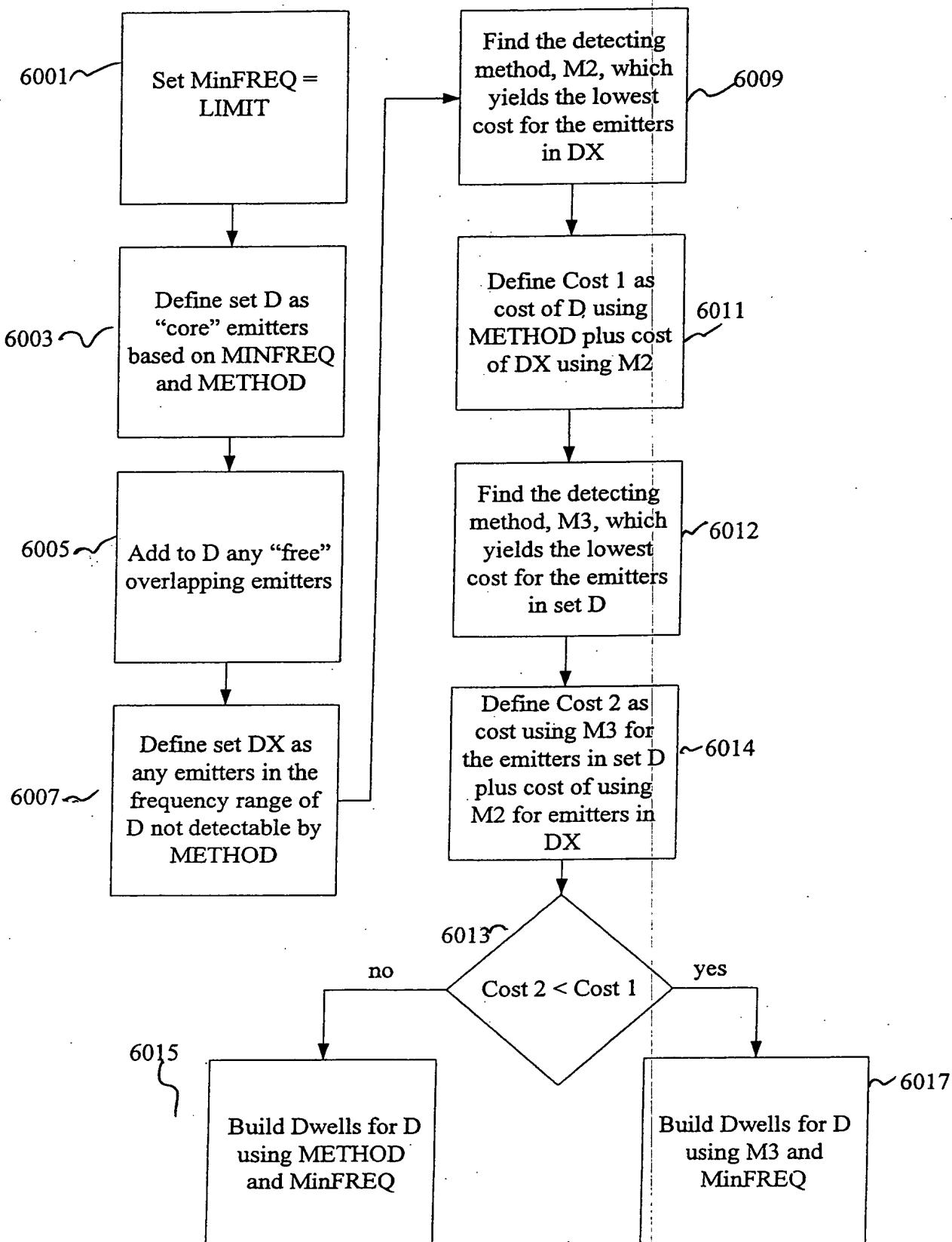


Figure 16



Name	RF Min	RF Max
E1	1100	1200
E2	1150	1250

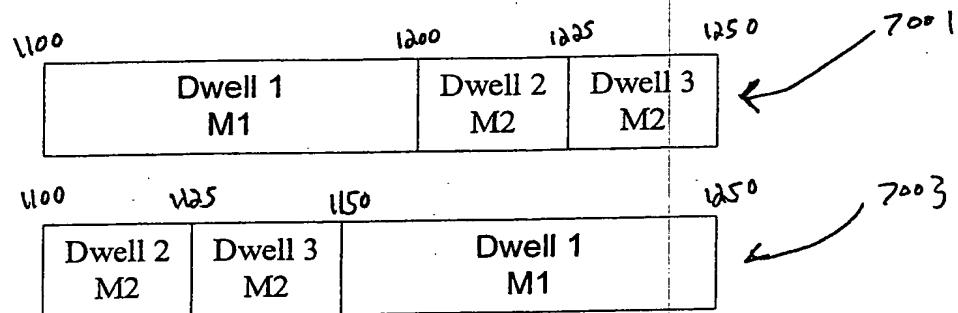
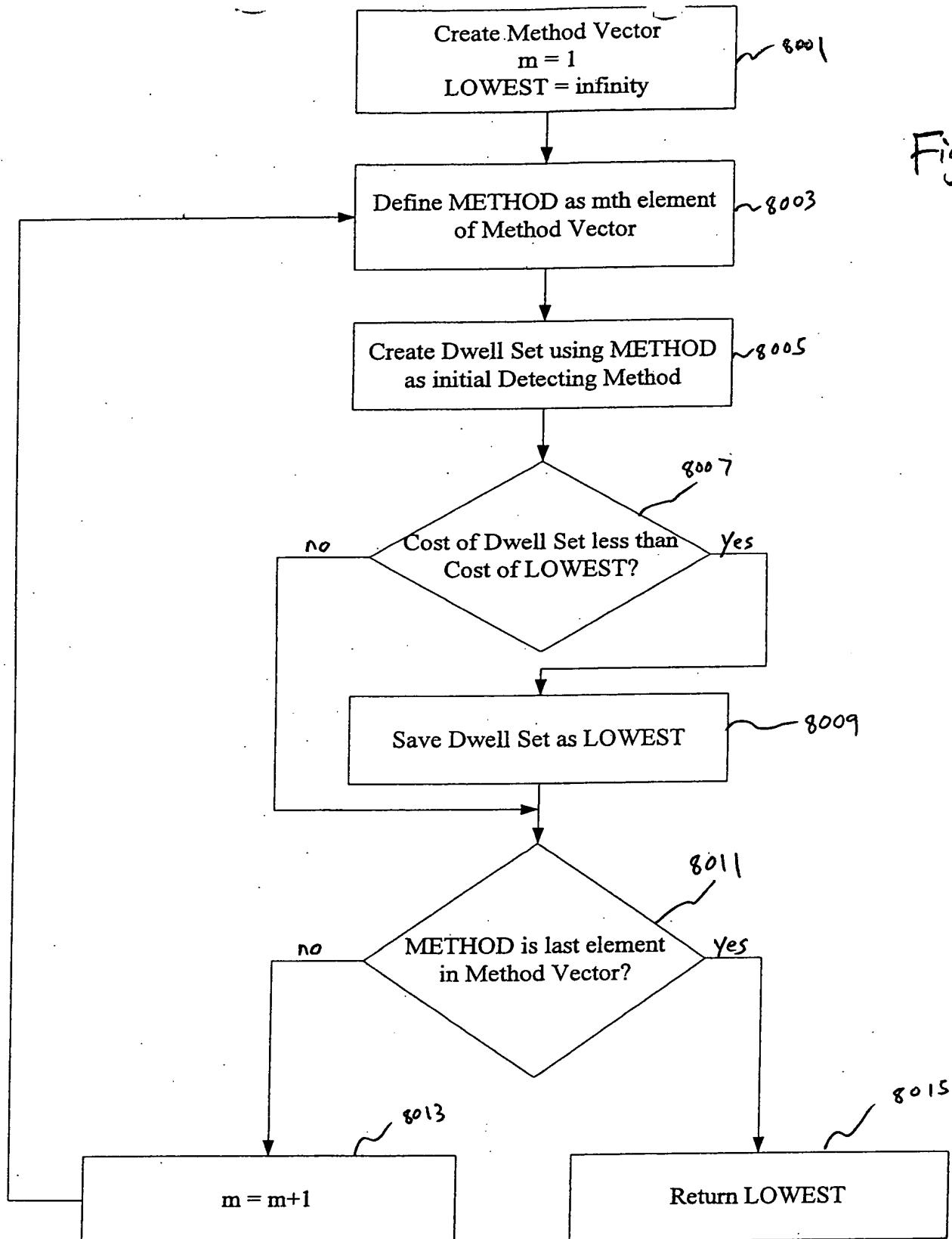


Figure 17

Figure 1



Emitter	Dwell Duration (ms)	Revisit Time (ms)
Emitter 1	1	500
Emitter 2	2	1200

Figure 19

Emitter	Dwell Duration (ms)	Revisit Time (ms)	Cost
Emitter 1	1	500	.002
Emitter 2	5	1000	.005

Figure 20

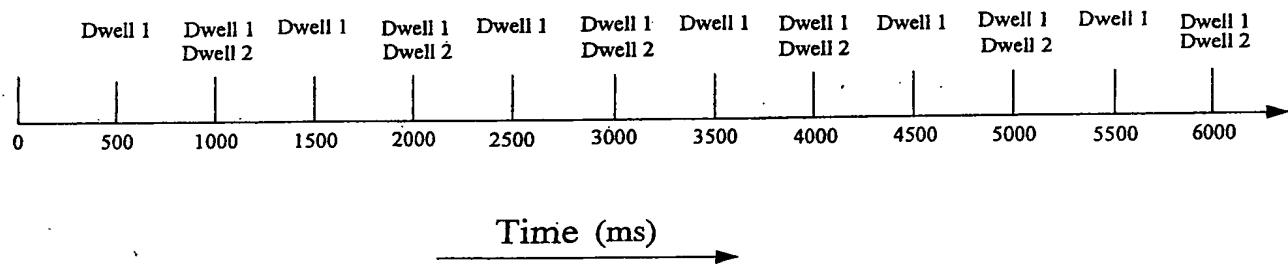


Figure 21

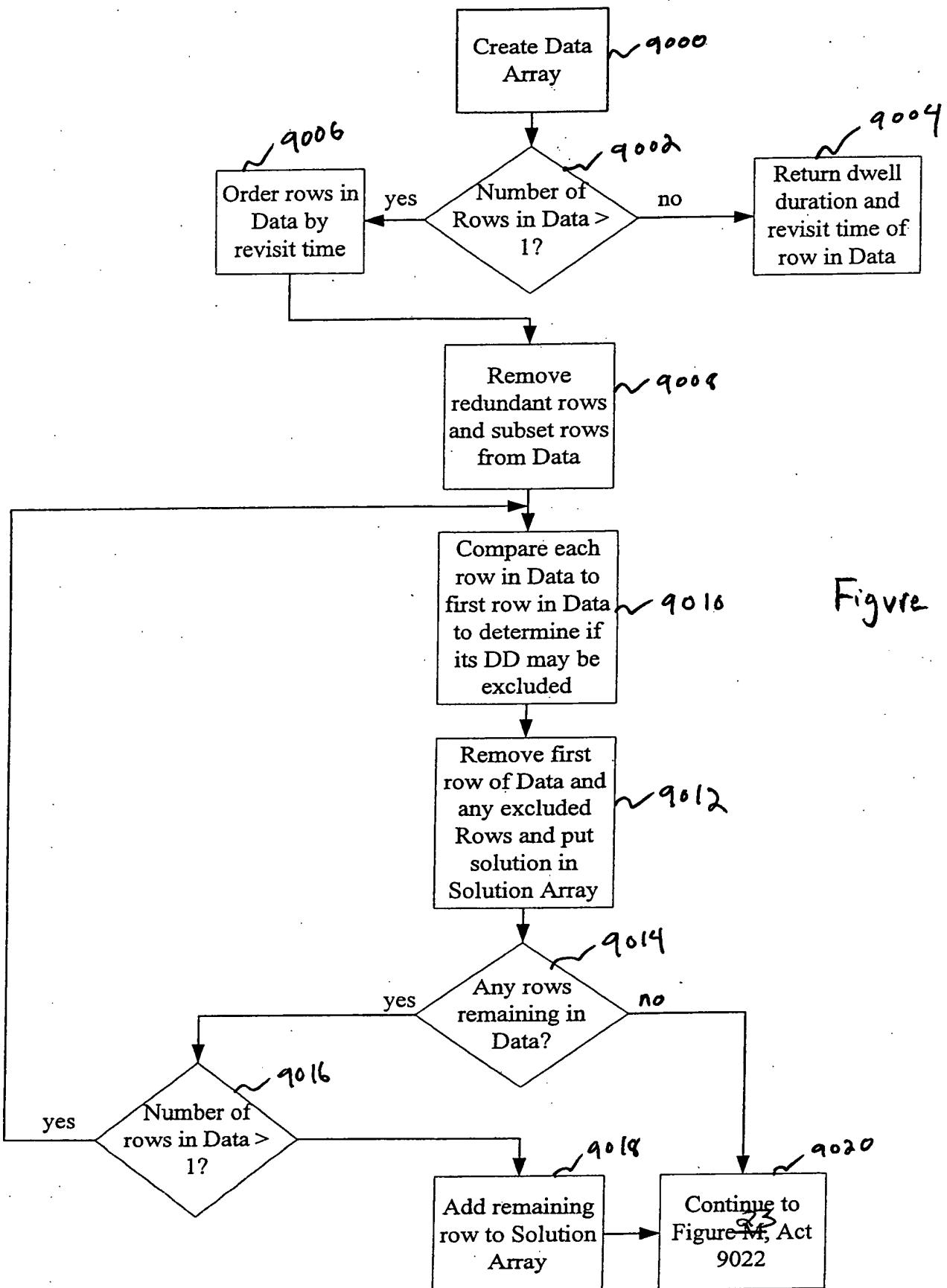


Figure 22

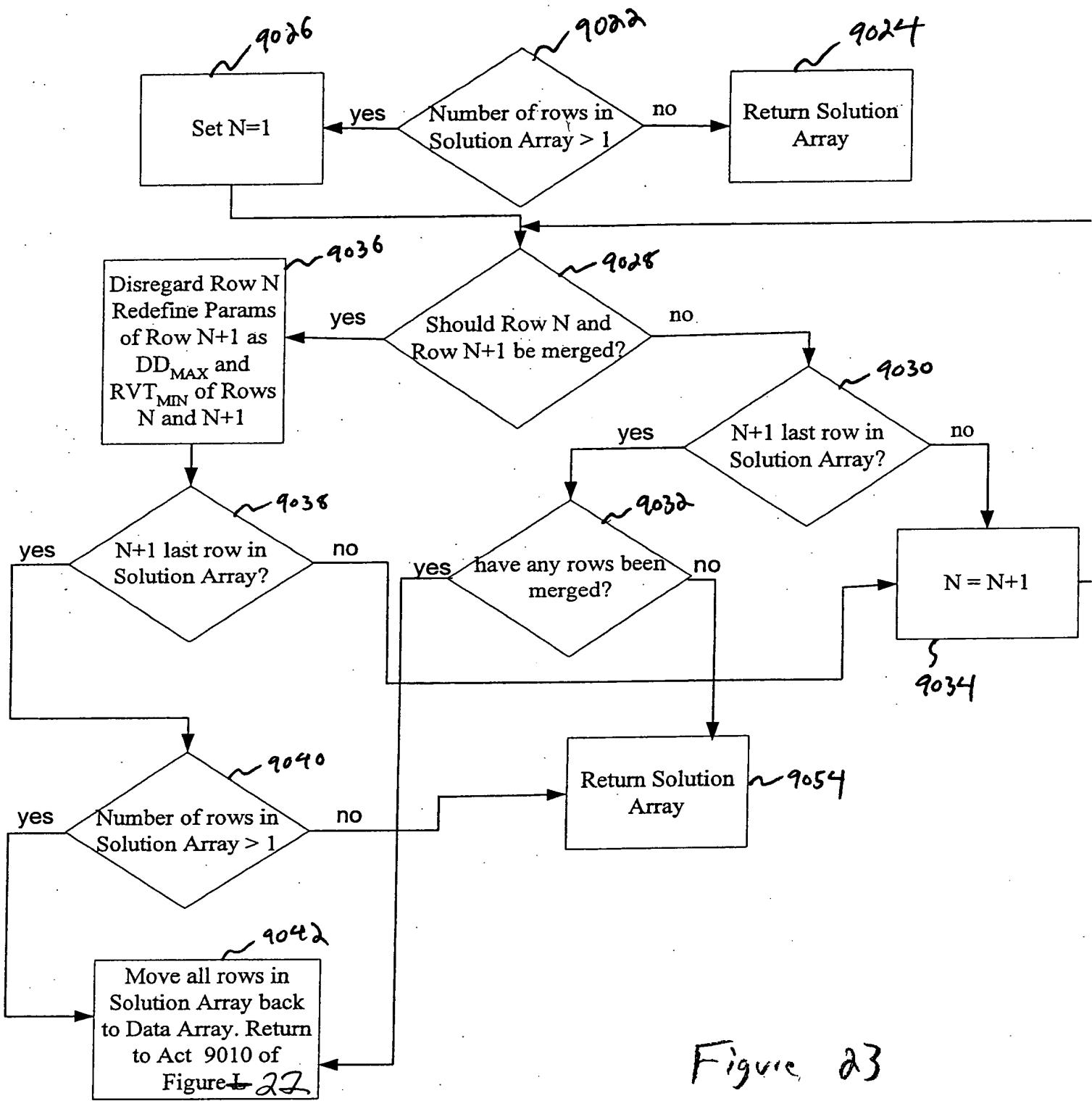


Figure 23

9044

Data		
MDT	EDT	RVT
3.05	17	2868
3	19	2000
3	19	2000
1	7	500
2	9	700
2.3	11	800
0.5	3.5	1000

Figure 24A

9044

Data		
MDT	EDT	RVT
1	7	500
2	9	700
2.3	11	800
0.5	3.5	1000
3	19	2000
3	19	2000
3.05	17	2868

Figure 24B

9044

Data		
MDT	EDT	RVT
1	7	500
2	9	700
2.3	11	800
3	19	2000
3.05	17	2868

Figure 24C

~9044

Data		
MDT	EDT	RVT
2	9	700
2.3	11	800

~9046

Solution		
MDT	EDT	RVT
1	19	500

Figure 24D

~9044

Data		
MDT	EDT	RVT
1	19	500
2	11	700

~9046

Solution		
MDT	EDT	RVT
1	19	500
2	11	700

Figure 24E

~9046

Solution		
MDT	EDT	RVT
1	19	500
2	11	700

Figure 24F

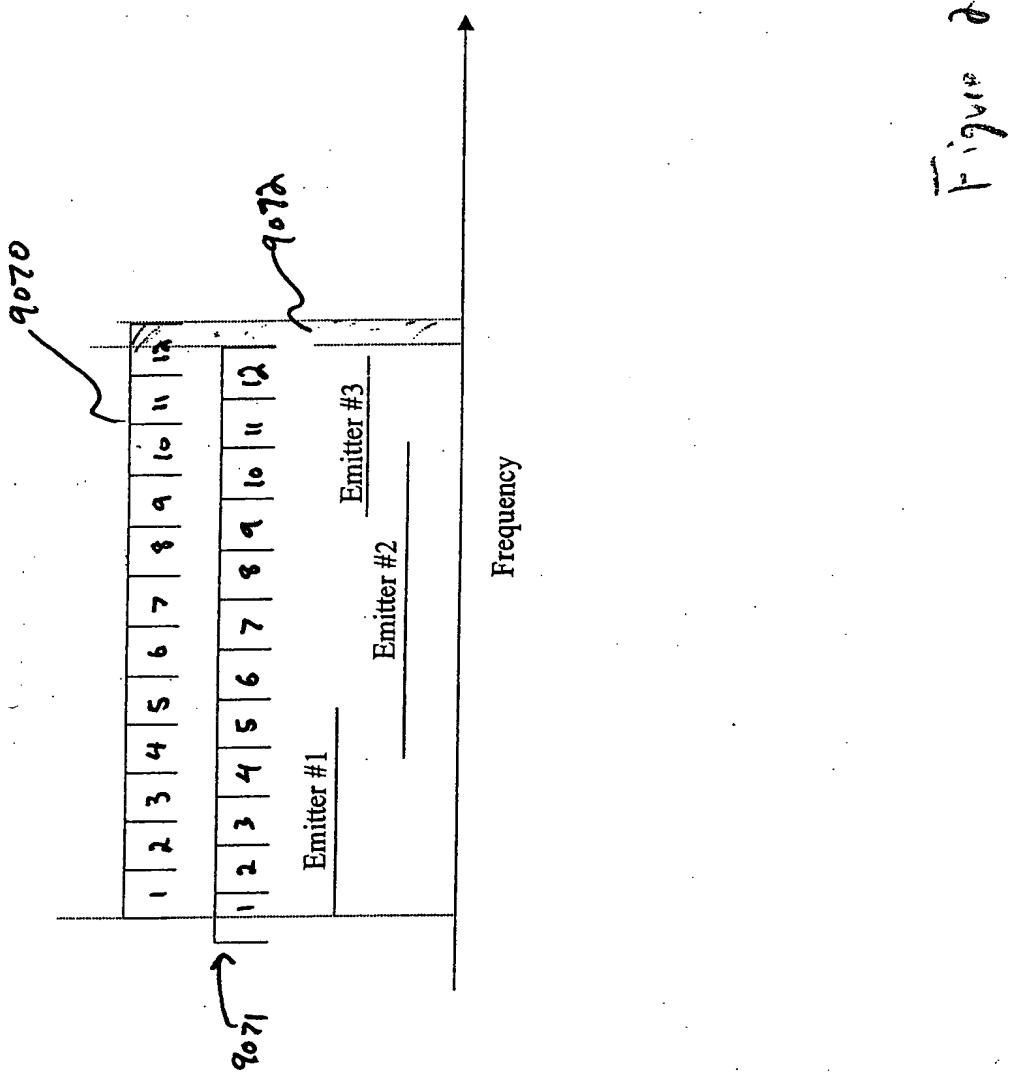
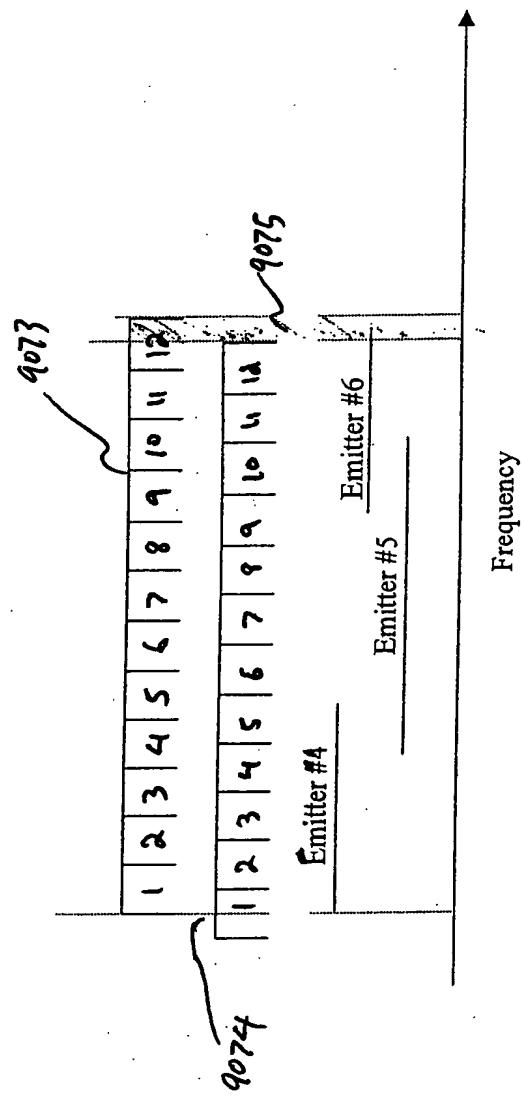


Figure 25

Figure 26



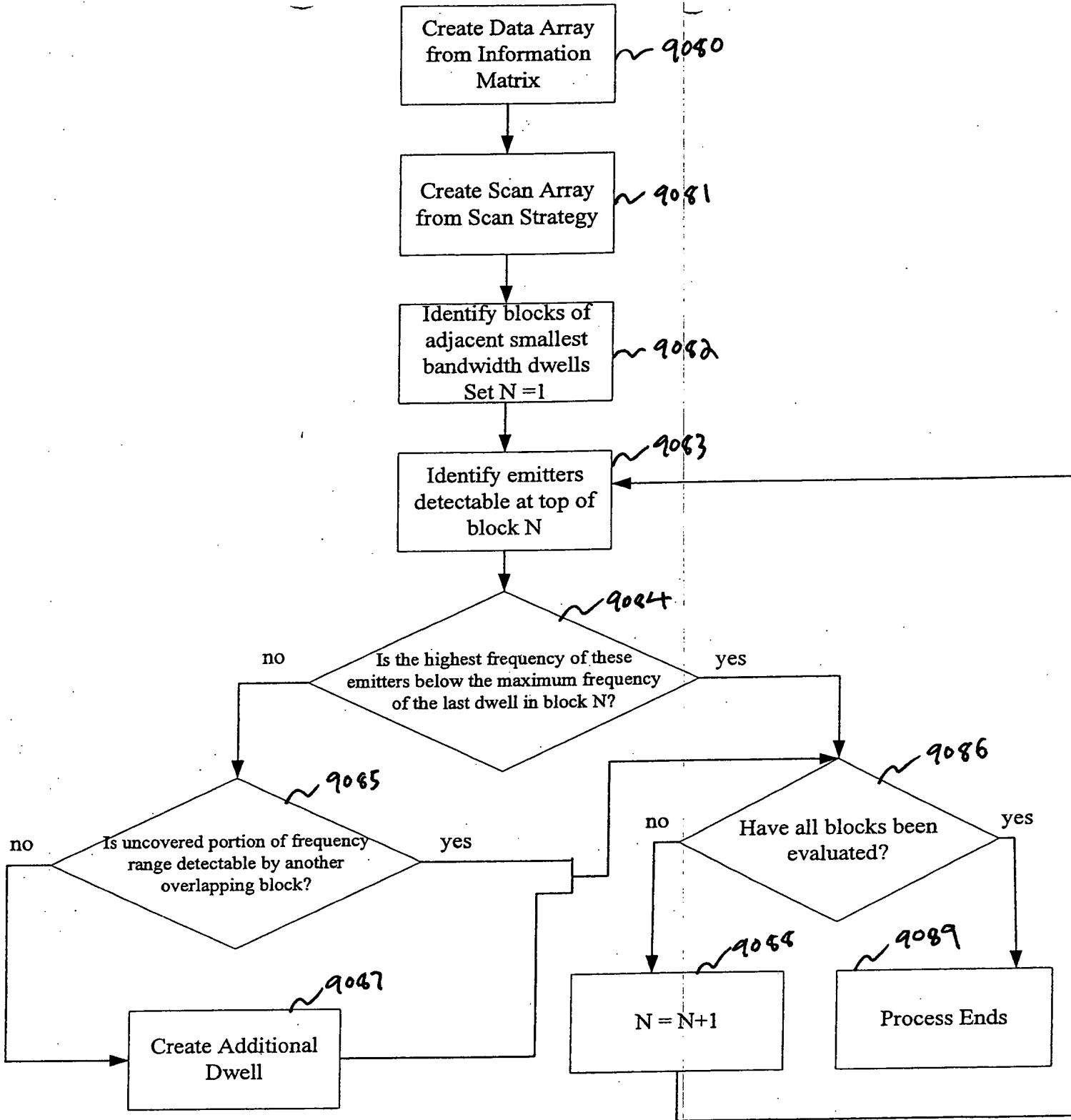


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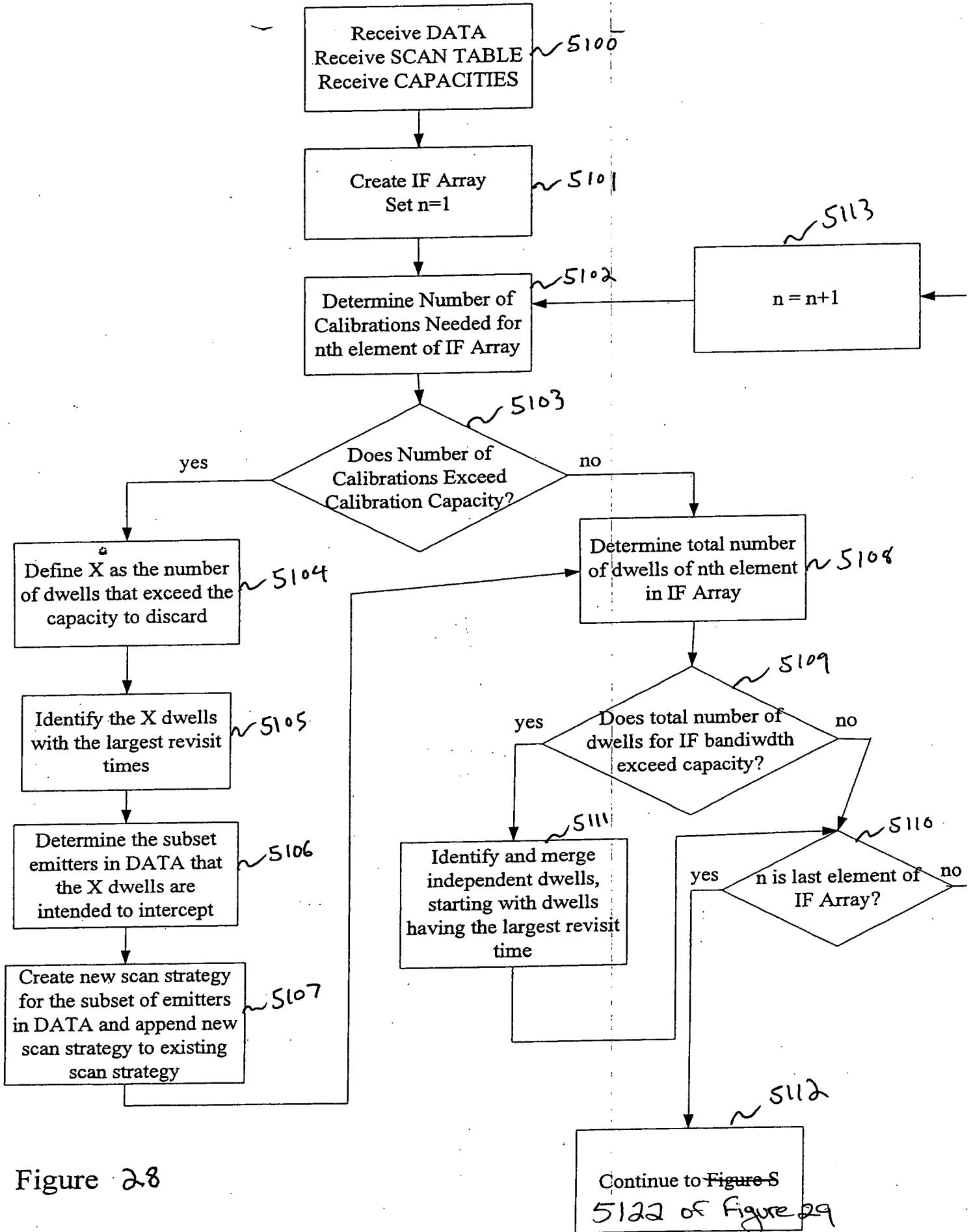


Figure 28

Continue to Figure S  
5122 of Figure 29

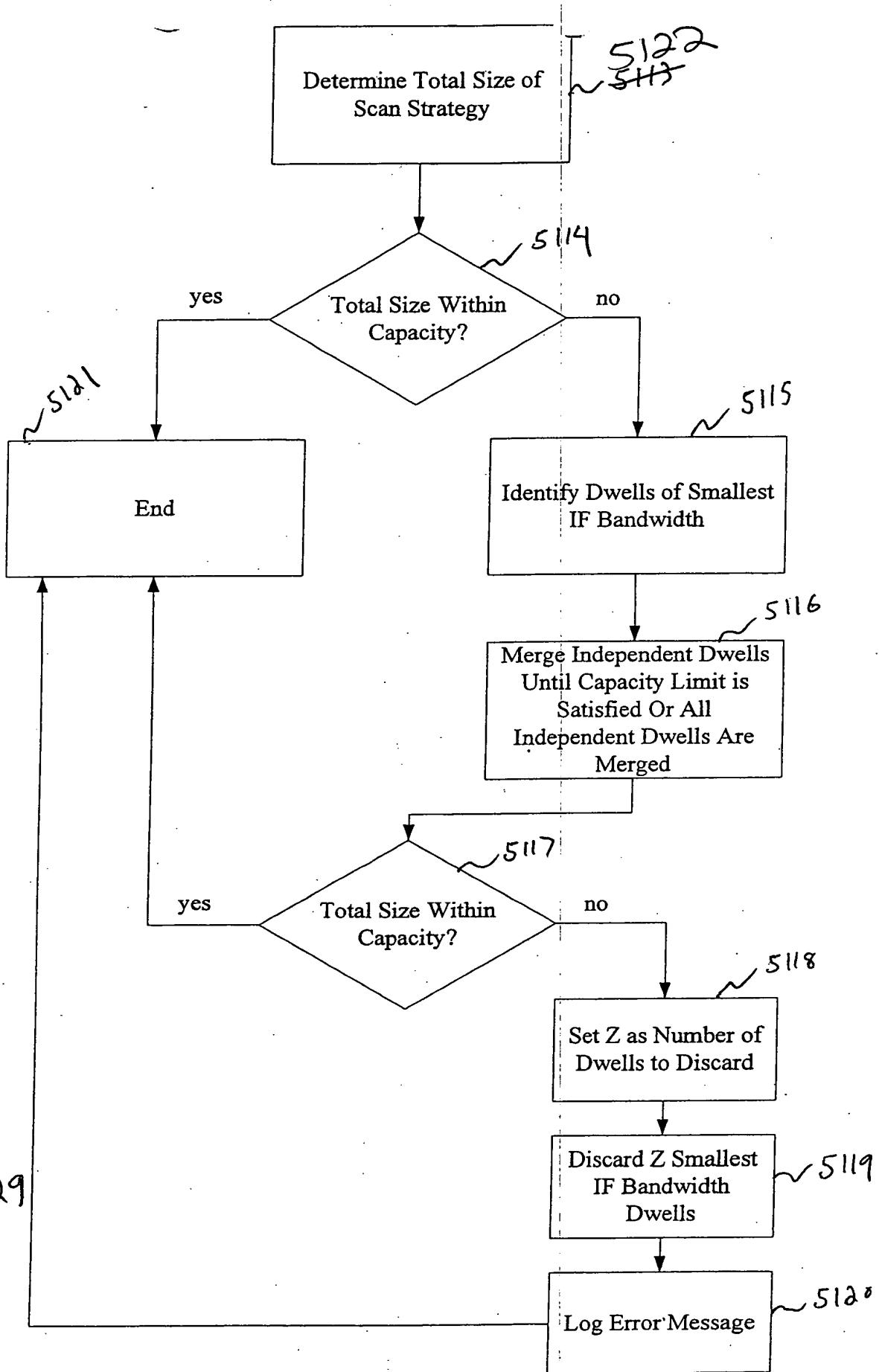


Figure 29

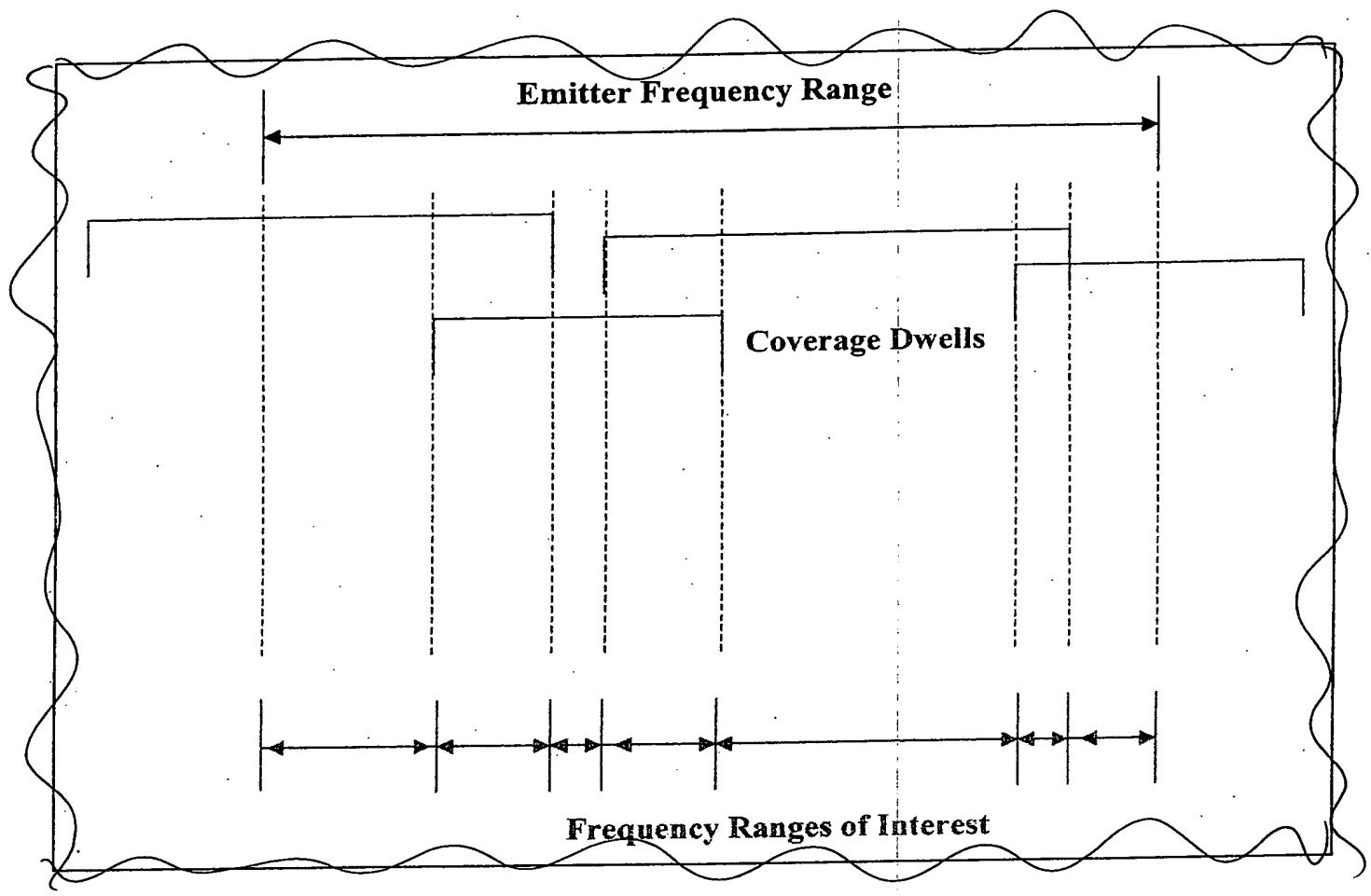


Figure 30

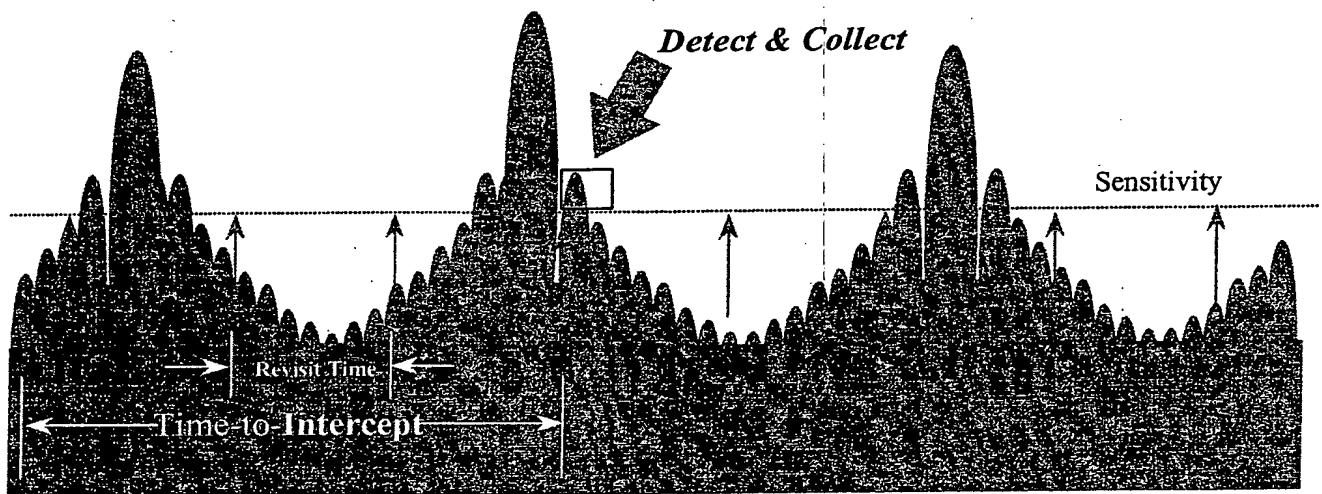


Figure 31

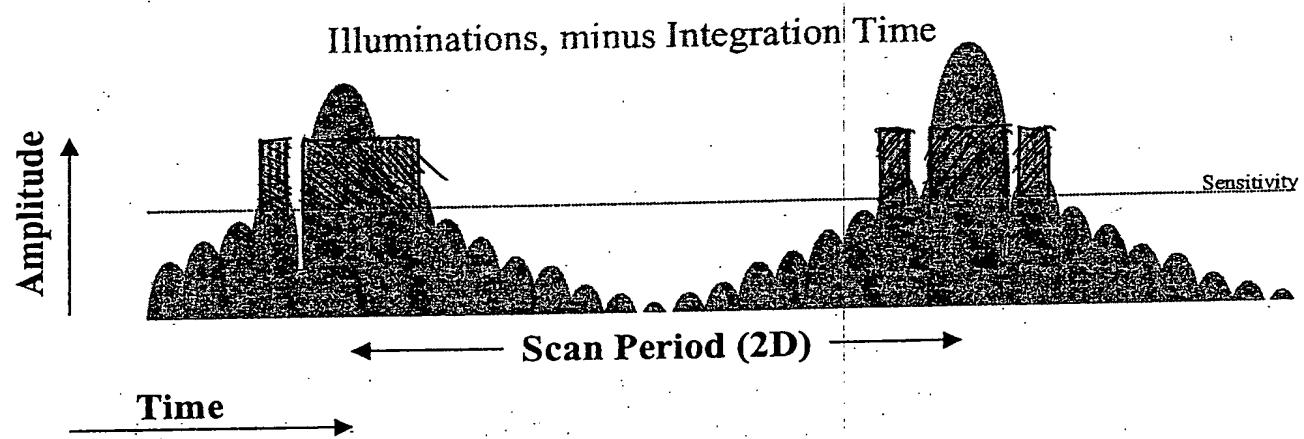


Figure 3d